

Abstract of the Disclosure

**A method of and an apparatus for testing
connections in a network.**

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The invention relates to a method of and an apparatus for testing electronic signals in a network, comprising network units between which information can be exchanged by electronic data transmission through network connections. A plurality of testing components are coupled each to one or more of the network connections so that the testing components each can detect electronic signals relating to the electronic data transmission through the one or more network connections. To fulfill a testing task, a master-server configuration is established between at least two testing components in response to the respective specific testing task. The testing components which form part of the master-server configuration are synchronized in time to that the test signals detected can be processed in accordance with their hierarchy and dependence in time.

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